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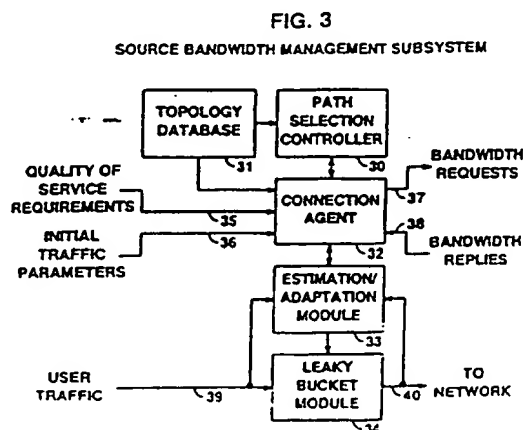
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54 Dynamic bandwidth estimation and adaptation for packet communications networks.

57 Access control for a packet communications network includes a dynamic bandwidth updating mechanism which continuously monitors the mean bit rate of the signal source and the loss probability of the connection. These values are filtered to remove noise and then used to test whether the values fall within a pre-defined acceptable adaptation region in the mean bit rate, loss probability plane. Values falling outside of this region trigger bandwidth updating procedures which, in turn, result in acquiring a new connection bandwidth, and determining new filter parameters and new parameters for a leaky bucket access mechanism.



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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 94480066.3
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 6)
A	<u>EP - A - 0 473 188</u> (TOSHIBA K.K.) * Fig. 8; abstract; claim 1 * --	1,6	H 04 L 12/00 H 04 L 12/56 H 04 L 12/54
A	<u>EP - A - 0 499 150</u> (HITACHI LTD.) * Fig. 2; abstract; claim 1 * --	1,6	
A	<u>EP - A - 0 498 967</u> (BELL TELEPHONE MANUFACTURING COMP.) * Fig. 1,2; claim 1; abstract * ----	1,6	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 6) H 04 L 12/00 H 04 J 3/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 07-06-1995	Examiner BERGER
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EP 0 643 514 A3 (1995.06.01)

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